

FE83C/FE84C SPECIFICATIONS (DRIVE SYSTEM: 4x2)

MODEL

Model	Cab type	WIDE		WIDE (DOUBLE CAB)	WIDE
	R.H.D.	—	FE83CE6R	FE83CE6WR	FE84CE6R
	L.H.D.	FE83CC6L	FE83CE6L	FE83CE6WL	FE84CE6L
Crew		3		7	3

DIMENSIONS mm (in.)

Wheelbase	2,750 (108.3)	3,350 (131.9)		
Overall length	5,215 (205.3)	6,030 (237.4)		
Overall width	1,995 (78.5)			
Overall height, approx.	2,200 (86.6)		2,260 (89.0)	2,200 (86.6)
Tread	front	1,655 (65.2)		1,665 (65.6)
	rear	1,495 (58.9)		
Ground clearance, approx.	200 (7.9)			
Cab to rear axle	2,225 (87.6)	2,825 (111.2)	1,825 (71.9)	2,825 (111.2)
Cab to end of frame	3,490 (137.4)	4,305 (169.5)	3,305 (130.1)	4,305 (169.5)
Frame width	750 (29.5)			753 (29.6)
Front overhang	1,145 (45.1)			
Rear overhang	1,265 (49.8)	1,480 (58.3)		

WEIGHTS kg (lb)

Kerb weight *1	2,095 (4,620)	2,135 (4,705)	2,340 (5,160)	2,205 (4,860)
Max. G.V.W.	6,000 (13,230)			6,500 (14,330)

CALCULATED PERFORMANCE

Max. speed km/h (mph)	110 (68.4)			
Max. gradeability (tan θ) %	45.0			40.5
Min. turning radius m (ft)	5.1 (16.7)	6.0 (19.7)		

ENGINE

Model	MITSUBISHI FUSO 4D33-6A			
Type	4 stroke-cycle, water-cooled direct injection diesel engine			
No. of cylinders	4 in line			
Piston displacement	4.214 L (257.1 cu. in.)			
Max. output *2	83kW(113PS) (EC, Net) 89kW(120PS) (JIS, Gross) at 3,200rpm (53.3 r/s)			
Max. torque	304 N·m (31.0 kgf·m, 224 lb·ft) (EC, Net JIS, Gross) at 1,600rpm (26.6 r/s)			
Air cleaner	Dry paper element			
Alternator	24 Volt, 50 Amp.			

DRIVE LINE

Clutch	Hydraulic control, diaphragm spring, single dry plate			
Transmission	5 forward and 1 reverse speed, 2nd to 5th synchromesh, 1st and rev. constantmesh gears			
gear ratios	5.380-3.028-1.700-1.000-0.722, Rev. 5.380			
Final reduction gear	Single reduction, hypoid gear			
ratio	6.166			

CHASSIS

Axle	front	Reverse Elliot, "I" beam	
	rear	Full floating type	
Tire	front	Single, 7.00R16-12PR	
	rear	Dual, 7.00R16-12PR	
Steering		Ball-nut type. Telescopic and tilt steering column with steering lock	
Suspension		Semi-elliptic, laminated leaf springs	
Shock absorbers		Hydraulic double acting telescopic type on front and rear axles	
Brake	service	Hydraulic with vacuum servo assistance, dual circuit	
	parking	Internal expanding type on propeller shaft at rear of transmission	
	exhaust	—	Vaccum operated, butterfly valve type
Fuel tank capacity		100 lit. (dm ³) (22.0 Imp. gal. or 26.4 U.S. gal.)	
Electrical system—batteries		24 Volt, regulated control—12 Volt x 2, 65 Ah (234 kC) at 20 hr rate (65D23L) 52 Ah (187 kC) at 5 hr rate (65D23L)	

CAB

Construction	Tilt type with torsion bar, all steel welded construction (Fixed cab for FE83CE6W)
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ANNOTATIONS

*1 Kerb weights shown are subject to 2.5% variation to allow for production tolerances. Kerb weights include weight of oil, fuel, coolant but exclude spare tire carrier & bracket, spare tire & disc wheel and standard tool set.

*2 Max. speed of 4D33-6A engine is 3,400 rpm (56.7 r/s).